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Atty. Docket No.: 3124-Z

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 C.F.R. §1.53(b))

Box PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

INVENTOR(S): Richard J. Feldmann of Derwood, Maryland, U.S.A.

TITLE: ALGORITHMIC DETERMINATION OF FLANKING DNA SEQUENCES  
THAT CONTROL THE EXPRESSION OF SETS OF GENES IN  
PROKARYOTIC, ARCHEA AND EUKARYOTIC GENOMES

1. ☒ Specification of 188 pages.  
☒ Claims, 19 in number.  
☒ Abstract.  
☒ One Page entitled REFERENCES
2. ☒ Drawings. Total Sheets: 26
3. ☐ Oath or Declaration.  
a. ☐ Newly executed (original or copy)  
b. ☐ Copy from prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 5 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
4. ☐ Application Data Sheet. See 37 CFR 1.76.
- 5a. ☐ If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP):  
of prior application Serial No.: \_\_\_\_\_  
Prior application information: Group Art Unit: \_\_\_\_\_ Examiner: \_\_\_\_\_  
For: CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 3b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application part.
- 5b. ☒ Nonprovisional application based on Provisional Application Serial No. 60/208,650 filed June 2, 2000.

6. ☒ Applicant claims small entity status. (see 37 CFR 1.27)
7. ☐ An assignment of the invention to: \_\_\_\_\_
8. ☐ A certified copy of \_\_\_\_\_ application No. \_\_\_\_\_ filed \_\_\_\_\_, the priority of which is hereby claimed.
9. ☐ Preliminary Amendment
10. ☐ Information Disclosure Statement (IDS) PTO-1449  
☐ Copies of IDS Citations.
11. ☒ Return Receipt Postcard (MPEP 503)
12. ☐ Other:
13. ☒ The filing fee has been calculated as shown below:

For	No. Filed	Basic	No. Extra	Rate \$	Calculations
Total Claims	19	20	0	\$ 18.00	\$ .00
Indep. Claims	19	3	16	\$ 80.00	\$1,280.00
[ ] Multiple Dependent Claims				\$270.00	\$
BASIC FEE					\$ 710.00
TOTAL OF ABOVE CALCULATIONS					\$1,990.00
[X] Reduction by 1/2 For Filing By Small Entity					\$ 995.00
TOTAL FILING FEE					\$ 995.00

14. ☒ It is requested that the attached application be given a serial number and filing date and that correspondence concerning this application be forwarded to applicants' undersigned counsel.
15. ☒ Correspondence Address:  
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Respectfully submitted,

*Jim Zegeer*  
 Jim Zegeer, Reg. No. 18,957  
 Attorney for Applicant

Date: May 30, 2001